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Product Datasheet

CPI-444, CAS [[1202402-40-1]]

FBM-10-4101

Article Name	CPI-444, CAS [[1202402-40-1]]
Biozol Catalog Number	FBM-10-4101
Supplier Catalog Number	10-4101
Alternative Catalog Number	FBM-10-4101-5MG, FBM-10-4101-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Adenosine A2A receptor antagonist...
Molecular Weight	407.43
Purity	98% by HPLC NMR (Conforms)
Form	Beige solid
CAS Number	[1202402-40-1]
Formula	C20H21N7O3
Application Notes	CPI-444 (1202402-40-1) is a potent ($K_i = 3.54$ nM) and selective adenosine A2A receptor antagonist. It blocked the induction of cAMP induced by NECA in HEK-293 cells with an $IC_{50} = 17.03$ nM. CPI-444 monotherapy or in combination with anti-PD-1, anti-PD-L1, and anti-CTLA-4 induced T-cell-mediated tumor responses, inhibited tumor growth, and enabled antitumor immune memory. ^{1,2} Currently in clinical trials for multiple cancers. ³